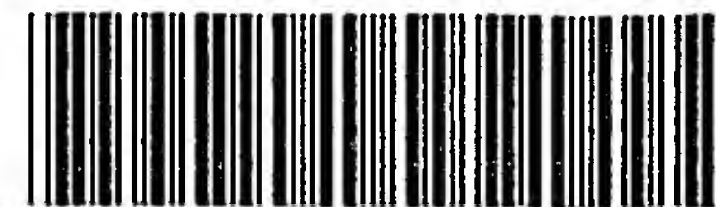


RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/564,769
Source: IFWP
Date Processed by STIC: 8/10/06

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 08/10/2006

PATENT APPLICATION: US/10/564,769

TIME: 11:33:35

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\08102006\J564769.raw

3 <110> APPLICANT: DeveloGen AG fur entwicklungsbiologische Forschung
 5 <120> TITLE OF INVENTION: Use of a DG001 secreted protein product for preventing
 6 and treating pancreatic diseases and/or obesity and/or
 7 metabolic syndrome
 9 <130> FILE REFERENCE: 31160PWO_GE
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/564,769
 C--> 12 <141> CURRENT FILING DATE: 2006-01-17
 14 <150> PRIOR APPLICATION NUMBER: EP03016169.9
 15 <151> PRIOR FILING DATE: 2003-07-16
 17 <160> NUMBER OF SEQ ID NOS: 5
 19 <170> SOFTWARE: PatentIn Ver. 2.1
 21 <210> SEQ ID NO: 1
 22 <211> LENGTH: 1300
 23 <212> TYPE: DNA
 24 <213> ORGANISM: human
 26 <220> FEATURE:
 27 <221> NAME/KEY: gene
 28 <222> LOCATION: (1)..(1300)
 29 <223> OTHER INFORMATION: nucleic acid sequence encoding the human DG001
 30 protein
 32 <400> SEQUENCE: 1
 33 ctctccctcc ctgcccagc cttcgtcctc ctggcccgc cctctcatcc ctcccattct 60
 34 ccatttccct tccgttccct ccctgtcagg gcgtaattga gtcaaaggca ggatcagggt 120
 35 cccgccttc cagtccaaaa atcccgccaa gagagcccca gagcagagga aaatccaaag 180
 36 tggagagagg ggaagaaaga gaccagttag tcatccgtcc agaaggcggg gagagcagca 240
 37 gcggcccaag caggagctgc agcgagccgg gtacctggac tcagcggtag caacctcgcc 300
 38 ccttgcaaca aaggcagact gagcgccaga gaggacgttt ccaactcaa aatgcagggt 360
 39 caacagtacc agcagcagcg tcgaaaattt gcagctgcct tcttggcatt cattttcata 420
 40 ctggcagctg tggatactgc tgaagcaggg aagaaagaga aaccagaaaa aaaagtgaag 480
 41 aagtctgact gtggagaatg gcagtggagt gtgtgtgtgc ccaccagtgg agactgtggg 540
 42 ctgggcacac gggagggcac tcggactgga gctgagtgca agcaaaccat gaagaccag 600
 43 agatgtaaga tcccctgcaa ctggaagaag caatttggcg cggagtgcaa ataccagttc 660
 44 caggcctggg gagaatgtga cctgaacaca gccctgaaga ccagaactgg aagtctgaag 720
 45 cgagccctgc acaatgccga atgccagaag actgtcacca tctccaagcc ctgtggcaaa 780
 46 ctgaccaagc ccaaacctca agcagaatct aagaagaaga aaaaggaagg caagaaacag 840
 47 gagaagatgc tggattaaaa gatgtcacct gtggaacata aaaaggacat cagcaaacag 900
 48 gatcagttaa ctattgcatt tatatgtacc gtaggctttg tattcaaaaa ttatctatag 960
 49 ctaagtacac aataagcaaa aacaaaaaga aaagaaaatt tttgtagtag cgttttttta 1020
 50 atgtatacta tagtaccagt aggggcttat aataaaggac tgtaatctta tttaggaagt 1080
 51 tgacttatag tacatgataa atgatagaca attgaggtaa gttttttgaa attatgtgac 1140
 52 attttacatt aaattttttt tacattttttt gggcagcaat tttaaagtta tgactatgta 1200
 53 aactacttct cttgttaggt aatttttttc acctagattt ttttcccaat tgagaaaaat 1260
 54 atatactaaa caaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 1300

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DATE: 08/10/2006

PATENT APPLICATION: US/10/564,769

TIME: 11:33:35

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\08102006\J564769.raw

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57 <210> SEQ ID NO: 2
58 <211> LENGTH: 168
59 <212> TYPE: PRT
60 <213> ORGANISM: human
62 <220> FEATURE:
63 <223> OTHER INFORMATION: amino acid sequence of human DG001 protein
65 <400> SEQUENCE: 2
66 Met Gln Ala Gln Gln Tyr Gln Gln Gln Arg Arg Lys Phe Ala Ala Ala
67   1           5           10           15
69 Phe Leu Ala Phe Ile Phe Ile Leu Ala Ala Val Asp Thr Ala Glu Ala
70           20           25           30
72 Gly Lys Lys Glu Lys Pro Glu Lys Lys Val Lys Lys Ser Asp Cys Gly
73           35           40           45
75 Glu Trp Gln Trp Ser Val Cys Val Pro Thr Ser Gly Asp Cys Gly Leu
76           50           55           60
78 Gly Thr Arg Glu Gly Thr Arg Thr Gly Ala Glu Cys Lys Gln Thr Met
79   65           70           75           80
81 Lys Thr Gln Arg Cys Lys Ile Pro Cys Asn Trp Lys Lys Gln Phe Gly
82           85           90           95
84 Ala Glu Cys Lys Tyr Gln Phe Gln Ala Trp Gly Glu Cys Asp Leu Asn
85           100          105          110
87 Thr Ala Leu Lys Thr Arg Thr Gly Ser Leu Lys Arg Ala Leu His Asn
88           115          120          125
90 Ala Glu Cys Gln Lys Thr Val Thr Ile Ser Lys Pro Cys Gly Lys Leu
91           130          135          140
93 Thr Lys Pro Lys Pro Gln Ala Glu Ser Lys Lys Lys Lys Lys Glu Gly
94 145          150          155          160
96 Lys Lys Gln Glu Lys Met Leu Asp
97           165
101 <210> SEQ ID NO: 3
102 <211> LENGTH: 22
103 <212> TYPE: DNA
104 <213> ORGANISM: Artificial Sequence
106 <220> FEATURE:
107 <223> OTHER INFORMATION: Description of Artificial Sequence: primer 5'-3
109 <220> FEATURE:
110 <223> OTHER INFORMATION: mouse DG001 forward primer
112 <400> SEQUENCE: 3
113 caagtaccag ttccaggctt gg                                     22
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117 <211> LENGTH: 17
118 <212> TYPE: DNA
119 <213> ORGANISM: Artificial Sequence
121 <220> FEATURE:
122 <223> OTHER INFORMATION: Description of Artificial Sequence: primer 5'-3
124 <220> FEATURE:
125 <223> OTHER INFORMATION: mouse DG001 reverse primer
127 <400> SEQUENCE: 4
128 gctcgcttca ggctgcc                                           17

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RAW SEQUENCE LISTING

DATE: 08/10/2006

PATENT APPLICATION: US/10/564,769

TIME: 11:33:35

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\08102006\J564769.raw

131 <210> SEQ ID NO: 5
132 <211> LENGTH: 30
133 <212> TYPE: DNA
134 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:
137 <223> OTHER INFORMATION: Description of Artificial Sequence: probe
139 <220> FEATURE:
140 <223> OTHER INFORMATION: mouse DG001 Taqman probe
142 <400> SEQUENCE: 5
143 tgacctcaat accgccttga agaccagaac 30

VERIFICATION SUMMARY

DATE: 08/10/2006

PATENT APPLICATION: US/10/564,769

TIME: 11:33:36

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\08102006\J564769.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application Number

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date